



**MORMUGAO PORT TRUST  
ENGINEERING (CIVIL) DEPARTMENT  
TENDER NO: CE/112/2016  
FACE SHEET TO ACCOMPANY THE TENDER DOCUMENTS**

- A. 1. Name and full address of the Contractor to whom the Tender Documents are issued. :
2. Whether registered with Engineering (Civil) Department, if so, class of registration. :
3. If not registered, reference to the letter of the Chief Engineer authorizing issue of the tender Documents. :
4. Date of issue of Tender Documents. :

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**AXEN (Accounts)**

- B.1. Name of work: **“Providing Lift at New Dawn Ashadeep School at Headland Sada.”**
2. Cost of each set of Tender Documents : Rs. 1000/-
3. Date and Issue of Tender Documents : From: 09/12/2016 to 03/01/2017 **(Extended)**
4. Date of receipt of tender and time : 04/01/2017 **(Extended)** at 3.00 pm
5. Amount of E.M.D. : Rs. 12900/-
6. Date of opening of tender and time : On 04/01/2017 **(Extended)** at 3.30 p.m.
- 7 a) Whether E.M.D. received : Yes/No.  
b) if so, in which shape : D.D./Cash Receipt
8. Form of contract : Percentage rate
9. Whether tender received in duplicate : Yes/No
10. Whether rates have been quoted in both the tenders in words and figures. : Yes/No.
11. Total No. of Tenders received for the work:

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**AXEN(Accounts)**

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**SUPTDG. ENGINEER (HL)**



**MORMUGAO PORT TRUST**  
**ENGINEERING (CIVIL) DEPARTMENT**

**TENDER NO: CE/112/2016**

**“Providing Lift at New Dawn Ashadeep School at Headland Sada.”**

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Declaration that I have received printed set (Tender documents – Vol I) containing Instructions to Tenderers, General and special conditions of contract, Special Instructions of contract, General Specifications that forms an integral part of the tender documents.

Mormugao Port Trust  
Engineering Civil Department  
Main Administrative Office Bldg  
Headland, Sada, Goa



**MORMUGAO PORT TRUST**  
**ENGINEERING (CIVIL) DEPARTMENT**

**TENDER NO: CE/112/2016**

**TENDER NOTICE NO. CE/N-118/2016**

Sealed percentage rate tenders are invited from the Shortlisted Contractors registered with Engineering Civil Department (MPT).

Sr. No	Tender No.	Name of work	Cost of tender document (non-refundable)	Sale of tender documents From/To
	Class of Contractor eligible of tender	Estimated cost of work put to tender	Earnest Money Deposit	Date of opening Of tender
1.	<b>CE/112/2016</b>	<b>“Providing Lift at New Dawn Ashadeep School at Headland Sada”</b>	<b>Rs. 1,000/-</b>	09/12/2016 to 03/01/2017 <b>(Extended)</b> Upto 15.00 hrs.
		<b>Rs.6,41,497.30</b>	<b>Rs. 12,900/-</b>	04/01/2017 <b>(Extended)</b> at 15.30 hrs.

- 1) Tender documents can be purchased at the office of the Chief Engineer, Mormugao Port Trust at Headland, Sada, Goa after producing letter issued by the Engineering (Civil) Department of Mormugao Port Trust and payment towards the tender cost in the Cash section of Finance Department. Contractors Tender documents will be sold between 09.30 hours to 12.00 hours and 14.00 hrs. to 15.00 hrs. from Monday to Friday excluding Port Holidays.
- 2) Tenders duly superscripted with the name of the work should be submitted in single cover and sealed with gum and with sealing wax/lac and reach the office of the Chief Engineer, Mormugao Port Trust, Headland Sada – 403 804, not later than 15.00 hrs. On the due date of submission of the tender.

- 3) Tender documents will not be sent by post or courier service.
- 4) Right to reject any or all tenders without assigning any reasons thereof, are reserved.
- 5) **Deviations from the proposed items of work will not be acceptable. Conditional tenders are liable to be rejected.**
- 6) Further particulars can be had from the office of the undersigned at Mormugao Port Trust, Headland Sada, Goa-403 804.

CHIEF ENGINEER

Date:



**MORMUGAO PORT TRUST**  
**ENGINEERING (CIVIL) DEPARTMENT**

**TENDER NO: CE/112/2016**

**“Providing Lift at New Dawn Ashadeep School at Headland Sada”**

**1. TENDER NOTICE**

1. Sealed percentage rate tenders are invited on behalf of Mormugao Port Trust the shortlisted contractors registered with the Civil Engineering Department for the work of **“Providing Lift at New Dawn Ashadeep School at Headland Sada”**. The approximate cost of the work is Rs. **6,41,497.30**.

2. The tender set consisting of the Tender Notice, Additional Instructions to Tenderers, Special Conditions of Contract, Schedule of Quantities and Rates and Form of Tender may be obtained from the Office of Chief Engineer, Engineering (Civil) Department Mormugao Port Trust at Headland, Sada, Goa on payment of Rs. **1000/-** which sum will not be refunded. Additional set can be obtained on payment of Rs. **1000/-** (Non- refundable), if desired. The bidding party should pay the cost of the tender document (**non-refundable**) by **Demand Draft** in favour of **“Financial Advisor and Chief Accounts Officer, Mormugao Port Trust** payable at **Vasco-Da-Gama** or by **cash** to **A.O. (Cash)/ MPT/Headland, Sada** at the time of submission of application form and bid documents. The Demand Draft / Cash Receipt in original is to be attached to the tender document.

3. Tender documents will not be sent by Post or Courier Service.

4. The Earnest Money Deposit (E.M.D.) payable in respect of the tender is Rs. **12,900/- (Rupees twelve thousand nine hundred only)**, and E.M.D. should be lodged in the form of Demand Draft drawn in favour of Financial Advisor and Chief Accounts Officer, Mormugao Port Trust, payable at Vasco-da-Gama, Goa or by Cash and a cash receipt obtained from A.O. (Cash), is required to be enclosed along with the Tender in originals. In any case, E.M.D. in the form of Cash/ Cheque along with tender will not be accepted.

a. The E.M.D. and the Tender documents in should be put in separate sealed envelopes and all the three envelopes should be placed in a single envelope properly sealed. The inner envelopes should be separately marked as “EMD, tender document The outer envelope shall bear the identifications like (i) Tender No: (ii) Description of work

(iii) Bidders name and Address and (iv) Due date and time of bid opening. If the envelopes are not sealed properly, Mormugao Port Trust will assume no responsibility for the misplacement or premature opening of the bids submitted.

- b. Bids if not accompanied by the requisite E.M.D. as indicated above shall be treated as invalid and shall not be opened.
- c. The EMD of the any two among the first three lowest tenders will be refunded to them only after acceptance of Work Order by successful tenderer and only after lodgment of Initial Security Deposit (ISD) by the successful tenderer. E.M.D. of successful contractor will be retained towards Initial Security Deposit. Other Contractors are requested to contact the AEN (Accounts), Chief Engineer's Office, Main Administrative Office, and Mormugao Port Trust for claiming such refund of EMD along with copy of original receipt issued by this office.
- d. Contractors may submit the following information in-order to refund the EMD's/ Bank Guarantee/Security Deposit/Retention Money, payments of bills etc.
  - a. Name of Bank
  - b. Place
  - c. Account No
  - d. Type of Account
  - e. PAN.
  - f. EPF No.
  - g. ESI No.

No fresh correspondence in this regard will be made by the Port Trust.

5. Security Deposit: 10% of the value of contract.

- a) Amount to the extent of 5% of the value of contract to be paid in cash or in the form of a Bank Guarantee at the time of acceptance of the tender, as Initial Security Deposit.
- b) The remaining 5% of Security Deposit to be deducted from the running account bills at 10% of each running bill till the entire security deposit of 5% of value of contract is recovered. However, the contractor will have the option to convert the Retention Money so deducted from the bills into acceptable Bank guarantee (s) for like sum(s) at any stage(s) of the work.
- c) The entire amount of 10% of the value of the contract may be paid in cash /Demand Draft / Pay Order or in the form of Bank Guarantee at the time of acceptance of tender.

Note:

- i. The Bank Guarantee of 5% of the Contract Price as Initial Security Deposit will be valid till the completion of the maintenance period plus 6 months for the claims period.

ii. The Retention Money of 5% of the Contract Price will be released after successful completion of the work and after issue of Completion Certificate by the Chief Engineer.

6 The entire work under this contract is required to be completed within **2 month (two months)** from the date of receipt of pre-acceptance letter/ work order or release of site whichever is later.

7. Counter conditions stipulated in completion period by the Contractor will not be considered. Tenders with counter conditions are likely to be rejected summarily without assigning any reasons therefore.

8. Time is the essence of contract. Liquidated Damages for delay in completion of work shall be recovered at the rate of 0.5 % of the Contract Price per week or part thereof subject to a maximum ceiling of 10% of the Contract Price.

The contract is liable to be terminated if there is a delay of more than 25% of contracted period of completion.

9. The maintenance period is 12 months from the date of completion of the work.

10. Tenderers are strongly advised to inspect the site of work and acquaint themselves with the site conditions and quantum of work involved etc. before tendering. Such an inspection can be arranged in consultation with the **Executive Engineer / HL, Tel Nos: 2594609.**

11. The tenderers must not quote counter conditions involving extra expenditure. The tenderers should refrain from sending revised or amended offers after the closing date of the tender. The Chief Engineer reserves the right to reject such offers without assigning any reasons thereof.

The original tenders to be submitted should be enclosed in as sealed cover and super scribed "**Providing Lift at New Dawn Ashadeep School at Headland Sada**" and should be addressed to The Chief Engineer, Engineering (Civil) Department, Mormugao Port Trust, Headland, Sada, and Goa - Pin: 403804.

12. The tenders complete in all respects should be placed in the Tender Box kept inside the cabin of **AXEN(Accounts)**, Chief Engineer's Office at Main A.O. Building, 2nd floor, Mormugao Port Trust upto 15.00 hrs on due date and opened at 15.30 hrs. on the same date in the presence of such Tenderer's who may wish to be present.

13. The Tenderer's should specifically note that their offers should reach this office on or before the due date and time. Offers received late will not be considered. Tenders sent by post will be rejected.
14. The Chief Engineer and or Board of Trustees reserves the right to reject any or all tenders received without assigning any reasons therefore.
18. Unsigned tenders will not be considered.
19. Sales Tax, Income Tax etc. as applicable from time to time shall be deducted from the amount payable to the Contractor at source. Under no circumstances taxes so deducted shall be reimbursed to the contractor.
20. Service Tax registration for the bidder is mandatory. Bidder has to enclosed attested copy of Service Tax Registration along with the tender. Service Tax has to be claimed extra as applicable while submitting the bill/bills.
21. The Tenderer should strictly note that they shall be not allowed to fill in the tender or seal the tender in Mormugao Port Trust premises.

CHIEF ENGINEER





**MORMUGAO PORT TRUST**  
**ENGINEERING (CIVIL) DEPARTMENT**

**APPENDIX – I**

**TENDER NO: CE/112/2016**

**“Providing Lift at New Dawn Ashadeep School at Headland Sada”**

This shall be read in conjunction with Clauses of General Conditions (G.C.) of Vol-I of Tender Documents.

S.N.	Particulars	Clause of G. C.	Details
1.	Amount of Initial Security Deposit and time	11(1)	Five percent of the Contract price and period 14 Months plus 6 months for claims period.
2.	Period for commencement from the Chief Engineer's orders to commence.	38	03 days.
3.	Time of Completion	40	2 (Two ) Months
4.	Amount of liquidated damages.	43	Calculated at 0.5% value of the contract per week of seven days, or part thereof subject to a ceiling of 10% value of the contract.
5.	Period of maintenance.	45(1)	12 Months
6.	Percentage of retention from each running account bill	54(1)	10%. Also please refer Cl. No.5 of additional instructions to Tenderers
7.	Limit of Retention Money	54(1)	5% value of the contract.
8.	Total initial Security Deposit and Retention Money.	11(1) 54(1)	10% value of the contract.
9.	Minimum amount of interim Certificate.	54(1)	Rs.2,00,000/-
10.	Time within which payment to be made after contractor's submission of the bill.	54(4)	100 % within 20 working days of submission bill in quadruplicate with MPT Engineers certification.

S.N.	Particulars	Clause of G. C.	Details
11.	Mobilization advance	69	Not applicable to this contract.
12.	Interest rate on Mobilization advance	69	Not applicable to this contract.
13.	Mode of recovery of Mobilization advance	69	Not applicable to this contract
14.	Variation in price of labour and materials	70	Not applicable to this contract
15.	Arbitration	66	Not applicable to this contract
16.	Minimum amount of third party insurance	Clause No. 6 to 9 of Addl. General Conditions of Contract	5% of the tender amount

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 2016

Signature \_\_\_\_\_ in the capacity of

\_\_\_\_\_ duly authorized to sign tender for

and on behalf of \_\_\_\_\_.

(IN BLOCK LETTERS)

Tenderer Name and Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Witness: \_\_\_\_\_

\_\_\_\_\_

Occupation: \_\_\_\_\_

\_\_\_\_\_



**MORMUGAO PORT TRUST**  
**ENGINEERING (CIVIL) DEPARTMENT**

**TENDER NO: CE/112/2016**

**“Providing Lift at New Dawn Ashadeep School at Headland Sada”**

**ADDITIONAL INSTRUCTIONS TO TENDERERS**

The instructions to the Tenders shall be Instructions to “Tenderers” as modified or added to by the following Additional Instructions to Tenderers which shall be read and construed with the instructions to tenderers as if they were incorporated therewith.

In so far as any of the provisions in Additional Instructions to Tenderers may conflict with or be inconsistent with the instructions to Tenderers the Additional Instructions to Tenderers shall prevail.

1. Sealed item rate tenders are invited for work described in the Tender Notice referred to herein before.
2. Earnest Money: No tender will be considered which is not accompanied by the Earnest Money Deposit (E.M.D.) for the sum stipulated in the tender notice which is lodged on the understanding that in the event of the tenderer withdrawing his tender before the expiry from the last date of submission of the tender document. (Whether or not the submitted tender(s) are opened or otherwise at the time of tenderer withdrawing his tender), the tender shall be cancelled and the Earnest Money (E.M.D) deposited by the tenderer forfeited to the trustees and if the tender is accepted the Security Deposit (SD) mentioned in Para 5 hereinafter will be furnished.
3. Tenderers must fill in the space provided for, in the Schedule of Quantities, Rates in figures as well as in words, the percentage above or below the estimated cost put to tender they are willing to undertake the work.
4. Tenderer must return the complete tender set duly signed wherever required. Any tender not so signed will not be considered. Alterations to the conditions of contract and specifications will not be entertained.
5. SECURITY DEPOSIT: The Security Deposit shall be 10% of the value of contract.

The Successful Tenderer will be required to deposit the following

amounts as Security Deposit for the due fulfillment of the contract.

- a. Initial Security Deposit (I.S.D.) shall be 5% of the Contract Price payable within 7 (Seven) days from the date of receipt of pre-acceptance letter, in the form of Bank Guarantee from any of the Nationalised Bank in the form annexed or Demand Draft/ Bankers Cheque/ Pay Order addressed to FA&CAO, MPT/HL payable at Vasco-Da-Gama, Goa. The Earnest Money (EMD), deposited with this tender EMD will be retained towards part of the Initial Security Deposit. The Contractor will have the option to pay the entire amount of 5% of the Contract Price towards I.S.D in the form of Bank Guarantee. The Bank Guarantee for I.S.D. will be valid till the completion of the maintenance period plus three months for claims period.

Plus

- b. Retention Money (R.M.) equivalent to 5% of the Contract Price and the sum shall be recovered at the rate of 10% of the gross value of work certified under each bill until an amount of 5% of Contract Price is accumulated. The contractor will have the option to convert the Retention Money so deducted from the bills into acceptable Bank Guarantee(s) for the like sum (s) at any stages (s) of the work.

The entire amount of 10% of the Contract price as Security Deposit may be paid in Cash/ Demand Draft/ Pay Order/Bank Guarantee.

The Bank Guarantee to be furnished against above should be from any of the Nationalised Bank having a branch in Vasco-Da-Gama and the Guarantee should be executed by the said Branch.

Unless this deposit is lodged and the Guarantee is furnished within 7 (Seven) days of the receipt of intimation of the acceptance of the tender or such further period as may be allowed by the Chief Engineer in writing, the Earnest Money (EMD) will be liable to forfeiture and 'contract liable to be terminated "and the Tenderer will be responsible' to the Trustees for the damages thereby incurred by them.

Upon successful completion of the works and after issue of Completion Certificate by the Chief Engineer, the Chief Engineer and or Board of Trustees shall upon receipt of a written application, refund to the contractor, the said Retention Money of 5% (Five percent) of the estimated cost of the works referred to in sub-clause 5(b) above after deducting there from the amount of Liquidated damages incurred if any and other claims outstanding against the contractor or for breach of contract. The Initial Security Deposit referred to in sub- Clause 5(a) above will be refunded after the expiry of the free maintenance period n. A. for this contract) and as soon as the conditions of contract have been fulfilled and upon contractor making an application therefore, after adjusting estimated / actual expenditure by Mormugao Port Trust for rectification of defects and after adjusting other amounts due if any for breach of the Conditions of Contract.

**Note:** The amount of liquidated damages expressed in the Tender Notice to be payable for delay in the performance of the contract has been arrived at on the fair estimate of the amount of loss likely to be sustained by the

Trustees as a result (the delay in the performance of the contract.)

6. The entire work comprised in this contract is required to be completed within the period as described in the 'Tender Notice '. No counter conditions as regards to completion period shall be quoted by the tenderers.

7. The Chief Engineer and/ or the Trustees reserve the right to reject any tender without assigning any reasons or to accept any tender as a whole or in part and does not bind himself / themselves to accept the lowest or any tender, No reason will be assigned for the rejection of any tender,

8. If the Tenderers have not carried out any work for the Mormugao Port Trust in the past they shall submit along with, the tender a list of works carried out by them for Government or Public Bodies with their amount showing against each work indicative of its magnitude and their Bankers reference and their Sales Tax Returns.

9. Tenderers should refrain from sending revised or amended offers after the closing date of the tender.

10. Tenderers are strongly advised to inspect the site so that they are fully aware of the nature of scope of the works to be carried out Completion time period before tendering for the same.

11. Cost of testing of materials will be borne by the Contractor.

12. Tenderers should note the arrangements described in the tender document for prompt payments of bills.

13. The free maintenance period for this work is 12 months.

14. Further particulars can be obtained on application to the office of the Chief Engineer, Mormugao Port Trust A.O. Building, Headland, Sada, during the office hours.

**CHIEF ENGINEER**



**MORMUGAO PORT TRUST**  
**ENGINEERING (CIVIL) DEPARTMENT**

**TENDER NO: CE/112/2016**

**“Providing Lift at New Dawn Ashadeep School at Headland Sada”**

**ADDITIONAL GENERAL CONDITIONS OF CONTRACT**

1. The quantities mentioned in the Schedule of Quantities and Rates are only approximate and the Board is liable to pay for only such quantities of work as are actually executed.
2. The percentage rates for items quoted by the contractor shall be inclusive of Sales Tax, General Tax, Octroi, Excise Duty, Income Tax etc. and all other incidental charges that the tenderer may have to bear for the execution of the works.

Service Tax Registration for the bidder is mandatory. Bidder has to enclose attested copy of the Service Tax Registration Certificate along with the tender. Service Tax has to be claimed extra as applicable while submitting the bills.

**3. WATER & ELECTRIC SUPPLY:** Water and electricity will be supplied by the department from the nearest available point subject to availability. Rates will be charged as per Port Scale of Rates prevailing during period of contract. If the same is not available contractor has to make his own arrangement for water and electricity at his own cost. In any event, no excuse for delay in completion of work, or no claim of any sort, whatsoever, will be entertained on account of inadequate/intermittent short supply of water/electricity.

5. The Tenderer's supervisory staff shall be fully experienced in this type of work and all safety precautions should be taken and the work will to be carried out under their supervision.

6. The contractor shall insure plant, machinery and workers employed by him during execution of work and submit necessary insurance policies to the Department.

7.(a) Without limiting his obligation and responsibilities under Clause 21 of G.C.C. (Vol. I) The contractor shall insure, at his cost, in the joint names of the Board and the Contractor against all loss or damage from whatever cause arising (other than the Excepted Risks) for which he is responsible under the terms of the contract and in such manner that the Board and contractor are covered during the period of construction of the works and

are also covered during the period of Maintenance for loss or damage arising from a cause occurring prior to the commencement of the period of Maintenance and for any loss or damage occasioned by the contractor in the course of any operations carried out by him for the purpose of complying with his obligations under clause 45 of G.C.C. (Vol.I).

- (i) The Works and the Temporary Works to the full value of such works executed from time to time.
  - (ii) The materials, Constructional Plant and other things brought on to the site by the contractor to the full value of such materials, Constructional Plant and other things.
- 7.(b) Such insurance shall be effected with an insurer and in terms approved by the Board and the contractor shall whenever required produce to the Chief Engineer or the Chief Engineer's representative the policy or policies of insurance and the receipts for the payment of the current premia provided always that without limiting his obligations and responsibilities as aforesaid nothing in the clause contained shall render the contractor liable to insure against the necessity for repair or reconstruction of any work constructed with material or workmanship not in accordance with the requirements of the contract.
- 8.(a) Before commencing the execution of the works, the contractor but without limiting his obligations and responsibilities under clause 22 of G.C.C. (Vol. I) shall insure against any damage, loss or injury which may occur to any property (including that of the Board) or to any person (including any employee of the Board) by or arising of the execution of the works or Temporary Works or in the carrying out of the contract otherwise than due to the matters referred to in the provision to clause 22(1) of G.C.C. (Vol. I).
- 8.(b) Such insurance shall be effected with an insurer and in terms approved by the Board and for at least the amount stated in the Tender and the contractor shall whenever required produce to the Chief Engineer or the Chief Engineer's representative the policy or policies of insurance and the receipts for the payment of the current premia.
9. The Contractor shall insure against accident, injury etc. to workmen with an insurer approved by the Board and shall continue such insurance during the whole of the time that any persons are employed by him on the works and shall when required produce to the Chief Engineer or the Chief Engineer's representative such policy of insurance and the receipt for payment of the current premia. Provided always that in respect of any persons employed by any sub-contractor,

the contractor's obligation to insure as aforesaid shall be satisfied if the sub-contractor shall have insured against the liability in respect of such persons in such manner that the Board is indemnified under the policy but the contractor shall require such sub-contractor to produce to the Chief Engineer or the Chief Engineer's representative when required such policy of insurance and the receipt for payment of the current premia.

10. If the Contractor shall fail to effect and keep in force the insurance referred to in the above mentioned clauses hereof or any other insurance which he may be required to effect under the terms of the contract then and in any such case the Board may effect and keep in force any such insurance and pay such premium or premia as may be necessary for that purpose and from time to time deduct the amount so paid by the Board with interest as stated in Vol. I as aforesaid from any money due or which may become due to the contractor or recover the same as a debt due from the contractor.
11. The successful tenderer will have to submit within fortnight after receipt of the acceptance Letter a phased programme of execution of different items of work.
12. Permission for working beyond the normal working hours of the Port or on Sundays and Public Holidays as stipulated under clause No. 42 of General Conditions of contract, (In the period booklet) in volume – I of the tender documents will be given to the contractor and the cost of overtime if any, will be borne by the contractor.

**13. FOOTWARE, GLOVES ETC:**

In partial modification of clause no.31 of the General Conditions, the contractor shall at his own expenses provide safety footwear, safety helmets, safety goggles, dust proof musks and gloves for all labour employees on the work etc, to the satisfaction of the Chief Engineer or his Assistant.

**14. ACCIDENTS:**

The contractor shall, within 24 hours of the occurrence of any accident at or about the site or in connection with the execution of the work, report such accident to the Chief Engineer or his Representative. The contractor shall also report such accidents to the concerned constituted authorities.

15. The contractor and his workers/agent shall be required to obtain from MPT and display a Photo Identity Card during entry, stay and exit from the Port security areas guarded by CISF personnel.

16. All applications for issuance of Photo Identity Card shall be routed through the Chief Engineer, who shall forward the same to the Port's Traffic



Department, whose pass section will issue the Photo Identity Card to the contractor or his agent on payment of necessary fees as prescribed from time to time and the same shall be valid for the duration of the contract or a period of one year, whichever is less.

17. **Lease rent** shall be charged to the contractors for the area allotted for construction of their temporary shed for site office/ store/ labour hutment's required in the contract works. Rate will be charged as per scale of rates prevailing during period of the contract.

18. No temporary structures/sheds, which are constructed to house the contractor's office/store/labour hutments, shall be permitted to be retained during the period of maintenance.

19. If for any reason the entire site cannot be handed over to the contractors, the Contractor shall immediately commence the work in the portion of the site released. If in the opinion of the Chief Engineer, contractor's work is held up or totally stopped due to non-availability of the remaining site, the Chief Engineer may extend the time for completion of the work by treating non-working period for such days as he shall consider immediately on being informed that the remaining site is available for the work. However no idle time charges for idling of machinery and men will be considered.

20. The portion of Security Deposit due for refund in accordance with the Conditions of Contract, after physical completion of the work, will not be refunded except with the prior permission of the Chief Engineer, unless and until contractor submit the final bill based on joint measurements.

21. The operation of the Port should not be stalled due to this tender work.

22. The contractor should study the nature of the tender work and accordingly adopt a suitable methodology for executing the work. The methodology to be adopted should be communicated to the Chief Engineer/ Executive Engineer in writing and upon approval of the same proceeds to execute the work. The rates quoted in the tender should be inclusive of all the temporary works required for executing the work. Due care should be taken to maintain proper and good quality of work.

23. In case of excess under any item, the contractor should bring it to the notice of the concerned Engineer in charge well in time to enable him to obtain necessary sanction.

**24.** All the works should be executed during the daytime. In case the contractor wishes to continue work in the night, he has to adhere to clause no. 42 of Vol-I of tender document subject to paying the cost of overtime of Engineer and supervisory staff of MPT.

**25.** The contractor should take precautions and hot permit should be

obtained before carrying out the works. The contractor should take all provisions as stipulated and instructed by the different Port Departments such as Fire section of the Mechanical Department and the Engineers of the Engineering Civil Department only in case such a need arises.

**26.** As a statutory requirement, the contractor shall take all measures of safety against fire hazard and electrocution at site as follows: -

- a) All temporary electric supply connections will be carried out with correct sizes of wires/cables and fuses and other safety devices as required under Electricity Rules in consultation with us.
- b) One bucket full of water and sand shall be kept at the work spot. The **Portable fire extinguisher** shall be always kept at the work spot.

**27. Rates and Prices to be inclusive.**

The percentage rates for all the items entered in the Schedule of Quantities by the contractor shall include the provision of all supporting special equipment, designed scaffolding, labour of required skill, supervision, materials, erection, overheads and profits, watch and ward, insurance charges, during execution and every incidental and contingent costs and charges, whatsoever, including sales tax on works contracts, etc. if any, for compliance with conditions of contract and specification.

**28.** The Tenderers are required to fill the Schedule of Quantities and Rates as stated in Directions to Tenderers for filling in the Schedule of Quantities and Rates.

**29.** The contractor should specially note that there should not be any disturbances to the MPT Staff's working in the Department and also take necessary steps to prevent noise, dust pollutions etc.

**30.** The contractor shall have EPF and ESI Registration No. Of the firm and shall contribute towards Employees Provident Fund (EPF) and submit the copy of the same along with the details in the prescribed format while submitting bills.

**31.** The Electrical works will be supervised with instructions & orders, checked & measured & certified by the CME Dept. & the civil work will be supervised, checked & measured and certified by the CE Dept.

**CHIEF ENGINEER**



An ISO 9001 : 2008 Port  
ISPS CODE Compliant

**MORMUGAO PORT TRUST**  
**ENGINEERING (CIVIL) DEPARTMENT**

**TENDER NO: CE/112/2016**

**“Providing Lift at New Dawn Ashadeep School at Headland Sada”**

**ANNEXURE-I**

ELECTRICAL WORKS ( Part-II)

**GENERAL RULES AND DIRECTIONS FOR GUIDANCE**

**1. Eligible Tenderer's**

Bidders are advised to quote strictly as per the Price Bid.

The following should accompany the tender in sealed cover, viz.

- i) Tender document issued by the Port duly initialed on each page with rubber stamp of the Bidder.
- ii) Covering letter from the Bidder on his own letterhead giving full details of alterations, conditions/counter conditions, etc., if any, on which he has based his tender.
- iii) Copy of a valid Electrical Contractors License to be produced.
- iv) Certificate of Registration with PF Commissioner/ESI authorities and Service Tax to be produced.
- v) Price Bid duly filled in.

**2. INSPECTION OF WORK**

The Electrical work will have to be offered to Chief Mechanical Engineer or his authorized representative for inspection whenever required by him. After completion of the entire work, a final inspection will be carried out and a completion certificate will be issued only after completion of contractual guarantee period.

**3. COMMENCEMENT AND COMPLETION OF WORK**

The work shall be commenced within 3 days from the date of issue of work order and completed within 60 days including Civil works thereafter including testing and commissioning to the satisfaction of CME or his representative. The work is to be carried out without any hindrance to the regular activities of Port.

**4. LIQUIDATED DAMAGES**

As per APPENDIX -I

## 5. GUARANTEE

The work shall be guaranteed for a period of 12 months from the date of satisfactory completion and handing over. All the defects/deficiencies noticed during the guarantee period will be rectified by the successful Bidder, free of cost by way of repairs/replacement either at site or at Bidders works etc., as found necessary by the Engineer. The decision of the Engineer in respect of the above will be final and binding on the Bidder.

## 6. RISK PENDING COMPLETION

All the works comprised in this contract, until handed over to the Board shall stand at the risk of the successful Bidder who shall be responsible and make good at his own cost all the loss and damage caused by or due to fire, or any other cause and the Contractor shall hand over all the works completed in every respect at the end of the contract.

## 7. EXTENSION OF COMPLETION TIME

If in the opinion of the Board, the completion of the works shall be delayed by any change of original design or by the ordering by the Board of any altered, modified, substituted or additional work, or by the ordering by the Board of any work to be omitted or any strikes, stand-out or lock-out of any workman employed by the successful Bidder or from any just cause not attributable to the act, default or omission of the Bidder, the Board may, if in its discretion it shall think fit, either forthwith or at any later time or from time to time notwithstanding that the prescribed or extended time for completion of the work has expired that the work has been completed by writing under its hand extend the time for completion of the work to such date as it shall consider reasonable provided always, that unless the Bidder makes a written application to the Board at or before the time when the cause of the delay in occurring or about to occur or in the event 'force majeure' immediately thereafter and of which satisfactory proof must be submitted or unless the time is extended by the Board (whether such application has been made by the Bidder or not) the prescribed time shall not be extended, notwithstanding delays from the foregoing or any other cause or causes whatsoever kind, subject nevertheless to be provision that may and every extension of time by the Board shall be deemed to be in full compensation and satisfaction for and in respect of any and every actual or possible loss, damage or injury sustained or sustainable by the Bidder in respect of the cause or causes giving rise to such extensions, and shall in like manner exonerate the Bidder from any claims or demands on the part of the Board in respect, of the delay, in respect of which any such extensions of the time shall have been made, but not further or otherwise, nor for any delay contained beyond the time mentioned in writing, authorizing such extension.

## 8. PRICES:

- 8.1 The prices shall be inclusive of taxes & duties except service tax which will be paid at actual and valid for **Six months** and during the currency of contract

and not subject to escalation. The Bidder shall quote for the entire work, quotation for part work will not be accepted.

- 8.2 The amount quoted by the tenderer in the Bill of quantities shall allow for all costs including labour, materials, equipment, transport charges, tests, etc. payable.
- 8.3 The Bidder should inspect and familiarize himself with the actual site conditions/nature of work involved in the tender and furnish an inspection certificate in this regard which is enclosed in the tender **without which the tender is liable to be rejected.**
- 8.4 In respect of any doubts, obscurity or clarifications of tender documents/clause therein for electrical works, the Bidder must obtain required clarifications/informations from the Chief Mechanical Engineer before submission of his tender.

## 9. EPF and ESI:

The Bidder shall comply with the provisions of EPF & ESI Acts failing which the offer will not be considered. The Bidder shall compulsorily be enrolled with PF Commissioner/ESI authorities. He shall comply with the following:-

- a) The Bidder shall ensure strict compliance of the labour laws including those under the Employees State Insurance Act, 1948 and the employee provident fund & miscellaneous Provision Act, 1952 and rules and regulation framed therein.
- b) The Bidder shall ensure that the statutory contribution towards Employee State Insurance Act, 1948 and the employee provident fund & miscellaneous Provision Act, 1952 in respect of the employees engaged by him are **deposited with the authority concerned and a proof having deposited the contribution will be produced before the Port Authorities** by 10<sup>th</sup> of the succeeding month of the month in which the payment was due.
- c) In the event any Bidder raises a dispute that he is not covered under the provision of Employees state Insurance Act provident Fund & Miscellaneous Provision Act 1952 such Bidder shall obtain certificate from the competent authority under these acts and produce the same before the Port Authorities.
- d) The amount recovered if any, such as statutory dues in respect of the Employees Provident fund and Miscellaneous Provision Act 1952 and the Employees state Insurance Act 1948 shall be released only after producing documentary evidence / no dues certificate from the authorities under these Acts

## 10. SAFETY

### **INJURY/DAMAGE TO PERSONS AND PROPERTY**

Port shall not be liable for or in respect of any damages or compensation payable at law in respect or in consequence of any accident or injury to workmen or other person in the employment of the Bidder, or any Sub- Bidder, except an accident or injury resulting from any act or default of the Port and the Bidder shall indemnify and keep indemnified the Port against all such damages and compensation and against

all claims, costs, charges and expenses whatsoever in respect thereof or in relative thereto irrespective of the fact that the Port or the Bidder is liable for the same at law.

The Bidders must comply with the safety aspects as governed by the relevant edition of Indian Electricity Rules and Industrial Safety which includes the following:-

Workers selected to carry out the jobs must have the requisite qualification, experience and right attitude for accident prevention. They are supposed to know whether job taken up conforms to rules and time tested work practices.

**CHIEF ENGINEER**



An ISO 9001 : 2008 Port  
ISPS CODE Compliant

**MORMUGAO PORT TRUST**  
**ENGINEERING (CIVIL) DEPARTMENT**

**TENDER NO: CE/112 /2016**

**“Providing Lift at New Dawn Ashadeep School at Headland Sada”**

**Annexure – II**

**ELECTRICAL WORKS ( Part-II)**

**SPECIAL CONDITIONS**

1. If any materials issued to the contractor by the Trust for the use on the work is lost or damaged, the cost thereof at the ruling market rate or at the Trust's issue rate whichever is higher plus 20% storage charges in either case will be recovered from any money due or that may become due to the contractor.
2. In case the contractor leaves the work incomplete the Chief Mechanical Engineer shall have the right to have the work completed through any other agency and recover the extra expenditure incurred by the Trust in so doing from any money due or to become due to the contractor.
3. The contractor shall be solely responsible for reporting to the Board and Police Department immediately of any serious or fatal accident inside the Trust's premises to any of his employees/workmen engaged by him or any persons involved in an accident at site of work.
4. The work shall be carried out without causing any inconvenience to the Trust and to other works in progress in the neighborhood and any losses to the Trust.

**CHIEF ENGINEER**



**MORMUGAO PORT TRUST**  
**ENGINEERING (CIVIL) DEPARTMENT**

**TENDER NO: CE/112 /2016**

**“Providing Lift at New Dawn Ashadeep School at Headland Sada”**  
**FORM OF TENDER**

**The Chief Engineer,**  
**Mormugao Port Trust.**  
Headland, Sada, Goa

I/We \_\_\_\_\_ do hereby Offer to execute the work comprised in the annexed Tender Notice for **Name of Work “Providing Lift at New Dawn Ashadeep School at Headland Sada”** in strict accordance with the Instructions to Tenderers, General Conditions of Contract, and Specifications etc.at the Rate entered in the attached Schedule of Quantities and Rates.

2. I/We undertake to complete the work included in the Schedule of Quantities & Rates within 2 (Two) months from the date of release of site / work order. I/We also agree that this tender will remain open for acceptance until disposed off by the Trustees of Port of Goa. I/We have independently considered the question of the amount of loss or damage likely to result to the Trustees from the delay on my/our part in the performance of the contract and I/We agree that the **Liquidated damages** at the rate of **(0.5%)** of the Contract Price per Week or part thereof delay in work subject to a maximum ceiling at **10%** of the Contract Price represents a fair estimate of the loss likely to result from the delay.

3. I/We send herewith a sum of **Rs. 12,900/- (Rupees twelve Thousand nine hundred only)** as a deposit or earnest money of my/our willingness to enter into the contract if my/our tender is accepted.

4. In the event of my/our tender being accepted, I/We agree to enter into a contract in the prescribed form with such alterations or additions thereto which may be necessary to give effect to the acceptance of this tender and such contract shall contain and give full effect to the Specifications, Schedule of Quantities & Rates attached to this tender.

5. I/We also agree, if awarded the contract, that the Earnest Money lodged with this tender will be retained by the Board of Trustees towards part of the Initial Security Deposit and to make further deposit by Bankers Cheque



/Demand Draft in favour of **FA & CAO, MPT, Headland Sada** payable at **Vasco-Da-Gama, Goa** by way of Bank Guarantee or by Cash and a cash receipt obtained from A.O.(Cash), **FA&CAO / MPT**, within **7 (seven)** days or such extension of the period permitted by the Chief Engineer, in writing, after receipt of information that my/our tender has been accepted by the Port Trust. The Board of Trustees will also have the option to retain the entire amount for Initial Security Deposit of 5% of the Contract Price in the form of Bank Guarantee.

6. I/We further agree, if awarded the contract, to lodge the Retention Money equivalent to **5%** of the Contract Price of my/our tender by way of deductions from my/our bills at the rate of **10%** of the gross value of work certified in each bill till the amount of 5% of the contract price is accumulated.

7. I/we agree to abide by this tender to be valid for the period of 180 days from the date fixed for receiving/opening the same and it shall remain binding upon me/us and may be accepted any time before the expiration of that period.

8. I/We hereby certify that my/our registration certificate under the '**Goa Sales Tax** on the transfer of property in goods involved in the execution of Works Contract Act, 1985 is in force on the date on which the sale of goods specified in this bill/cash Memorandum is made by me/us and the tax under the act will be, if payable, be paid before furnishing my/our returns under the act.

9. I/We have inspected the site and I am / we are fully aware of the work to be carried out while tendering for the contract.

10. I/We request that early payment of interim bills be made from time to time in advance of such bills being audited as per tender conditions.

11. \*(A) Mine is a proprietary firm and I am the sole proprietor of the firm. My firm is/is not registered with Registrar of firms.

Name: \_\_\_\_\_

Age: \_\_\_\_\_ years

\*(B) Ours is a partnership firm and the names of all major partners are given below:

<u>Name</u>	<u>Age</u>
1. _____	_____ years
2. _____	_____ Years
3. _____	_____ Years
4. _____	_____ Years

We understand and confirm that if our offer is accepted, the contract will be entered into with the above-mentioned partners only and the Trustees will not recognize or deal with any minor partners or their guardians.

\*(C) ours in a Company with liability and a copy of our Memorandum and Articles of Association will be sent for perusal upon acceptance of our offer.

Proposed contract is intended to be signed by a duly constituted Attorney and original power of Attorney in his favour will be submitted for perusal immediately on acceptance of the tender.

The contract will be completed under the Company's Common Seal.

12. The Bank's Guarantee referred to in Para No.5 above will be from  
\*\* \_\_\_\_\_

13. I/We am/are registered for the purpose of Goa Sales Tax Act and my/our registration Certificate No. is \_\_\_\_\_

14. The name and address of our Banker is \*\* \_\_\_\_\_

15 I/we understand that the Board is not bound to accept the lowest or any tender you may receive and may reject the same (the lowest) or any other tender without assigning any reason therefore.

16 "I have read and understood the General conditions and specification of the work which are printed in Volume -I supplied to me by the Department which will form a part of tender and this shall remain binding on me".

17 we have enclosed herewith the following documents as required under instructions to tenderers:-  
Bar Chart.

NAME AND ADDRESS OF TENDERER:-

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
SIGNATURE OF TENDERER

Witness: - \_\_\_\_\_

Date: \_\_\_\_\_ Day of \_\_\_\_\_ 2016

Witness: - \_\_\_\_\_

Witness: - \_\_\_\_\_



**MORMUGAO PORT TRUST**  
**ENGINEERING (CIVIL) DEPARTMENT**

**TENDER NO: CE/112/2016**  
**“Providing Lift at New Dawn Ashadeep School at Headland Sada”**

SCOPE OF WORK  
(CIVIL WORKS)

The work put to tender broadly comprises of the following items:

1. Excavation In hard rock/ soling/ murrum/PCC.
2. Dismantling of Aluminium windows & grills more than 3.00 m<sup>2</sup> area as directed..etc
3. Dismantling RCC chajjah and other masonry as required and directed by CE or his representative, disposal etc..
4. Dismantling and re fixing in position PVC eaves gutter as directed, all tools and plant etc complete etc..
5. CC (1:3:6) using 20 mm graded black trap stone etc..
6. Providing and laying in position (1:1.5:3) RCC (M20) excluding the cost of centering etc. for footings
7. Providing and laying in position (1:1.5:3) RCC (M20) excluding the cost of centering etc. for vertical slabs
8. Providing and laying in position (1:1.5:3) RCC (M20) excluding the cost of centering etc. for beams, lintels & structural slabs
9. Providing and laying in position (1:1.5:3) RCC (M20) excluding the cost of centering etc. for columns etc
10. Constructing masonry in Superstructure using precast CC solid blocks having a crushing strength of not less than 35kg/cm<sup>2</sup> etc..
11. Providing & fixing shuttering for the column footings, wall footings, footing rafts, etc. of any size and shape etc..
12. Providing TMT steel reinforcement bars of SAIL, TATA. VIZAG make only (Confirming to IS 1786 of 1986) for RCC work etc.
13. Providing water proofing to the roof slab using Dr Fix-it", water proof compound, mixed in CM (1:5)15 mm thick etc..
14. Providing Plaster with CM (1:5) 15 mm thk in two coats to external surface of bottom of lift well.
15. Plastering RCC/masonry surfaces with CM (1:3) 10 mm thick.. all lifts leads etc..
16. Painting with two coats of waterproof cement paint etc.
17. Providing rain water down take pipes PVC 110 mm dia medium etc.
18. Providing and fixing to the wall/floor black granite dado 17 mm thk all cutting wastages etc complete etc.
19. Providing Aluminium windows etc.
20. Supplying & fixing in position P.V.C. doors of standard sizes, single shutter, with frame of sal wood, including all the accessories etc..
21. Supplying & erecting in position structural steel work in single section (Light sections less than 34 kg/m) etc.
22. Disposal of excavated materials to a lead of 3.00 kms as directed

SCOPE OF WORK  
ELECTRICAL WORKS

- 1.1 Laying & clamping L.T. Aluminum armoured cable of size 4 Core 70 sq mm on the wall at Deep Vihar Secondary School & Ashadeep school area. (The cable will be supplied by the Port at MM division.) Terminating the cables with necessary lugs and glands. Terminating the 4 core x 70sq mm cable at 100A MCCB at machine room. Clamping the cables using G.I saddles and screws at every one meter.
- 1.2 Making heat shrinkable straight through joint for jointing 4 core x 70sq mm new cable with 4 core x 70sqmm old cable at Secondary school.
- 1.3 Supply, Wiring & Connection of Distribution board at ground floor from Main distribution panel at machine room using 4 x 6 sq.mm + 1 x 1.5 sq.mm flexible copper wire inside black conduit pipe of suitable size and clamping the conduit pipe with G.I saddles and screws at every one meter.
- 1.4 Supply, Installing, wiring and connection of 100A 3P&N MCCB, 01no. 63A TPN MCB, 01no. 25A/30mA RCCB, 02no.16A SPN MCB, 03no. 6A SP MCB with Main distribution panel at machine room.
- 1.5 supply, Installing and commissioning of 10W/12W LED lamps with bulkhead fittings in the hoist way and 18/20W LED lamps with fittings in the machine room.
- 1.6 Providing light / fan point from switch board with PVC insulated 3 x 1mm<sup>2</sup> Copper conductor wires in white colour PVC casing & capping. Complete with all accessories, fix modular switches, fan regulator, ceiling rose on PVC gang box (Legrand, Roma) connect with 2 core flexible wire.
- 1.7 Supply, installation & connection of 15 Amp modular type 5 pin socket with 15 Amp 1 way switch with indicator on PVC gang box. (Make Legrand, Roma) at machine room.
- 1.8 Supply and wiring sub main with 2 x 2.5mm<sup>2</sup> + 1 x 1.5mm<sup>2</sup> copper conductor wire in PVC casing and capping from main panel to 15A outlet and exhaust fan.
- 1.9 Supply, installation and connection of 6 Amp 5 pin modular socket and 6 Amp 1 way modular switch on gang box with light at hoist way.
- 1.10 Supply, installation, wiring and connection of 6Amps 2 way modular switches on PVC gangbox in hoistway and in ground floor. Wiring from switch board & gangbox to light point in the hoist way with PVC insulated 3 x 1 mm<sup>2</sup> Copper conductor wire in white colour PVC casing & capping complete with all accessories.
- 1.11 Supply, Installing and commissioning of 01no. Exhaust fan in the machine room.

- 1.12 Supply and wiring sub main with 3 x 1.5mm<sup>2</sup> copper conductor wire in PVC casing and capping from main panel to switch board in machine room & 6A outlet in hoist way.
- 1.13 Supply, Installation, testing and commissioning of new earth stations, excavation in hard rocky area, use readily available 2 mtr. Long x 20mm dia copper bonded electrodes with termination bolts filled the gap with earthing compound mixture. Construct a chamber with fire bricks and covered with CI cover and provide watering GI pipe with funnel. Connect the earthing station with 8 SWG copper wire to the equipment in machine room.



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**MORMUGAO PORT TRUST**

**ENGINEERING (CIVIL) DEPARTMENT**

**TENDER NO: CE/112/2016**

**“Providing Lift at New Dawn Ashadeep School at Headland Sada”**

**Annexure – III**

ELECTRICAL WORKS

**TECHNICAL SPECIFICATIONS**

<b>A</b>	<b>MCB</b> <ul style="list-style-type: none"><li>• .Rated short circuit capacity 10kA</li><li>• C curve MCB</li><li>• Protection: IP20</li><li>• Rated voltage &amp; frequency: 240V &amp; 50Hz</li><li>• Conforming to IS/IEC: 60898-1 2002 with latest amendments</li></ul> <b>Make: LEGRANDS / SCHNEIDER</b>
<b>B</b>	<b>Cables</b> <ul style="list-style-type: none"><li>• 650/1100V Grade</li><li>• PVC Insulated</li><li>• Conforming to IS: 694/1990 with latest amendments</li></ul> <b>Make: FINOLEX / POLYCAB / NICCO / HAVELLS / RPG</b>
<b>C</b>	<b>LED Tube light</b> <ul style="list-style-type: none"><li>• Power: 18/20W</li><li>• Life span &gt;30000 hrs</li><li>• Colour: White</li><li>• Pf: &gt;0.9</li><li>• Lumen flux: &gt;1600</li><li>• CRI(Ra): &gt;80</li></ul> <b>Make: PHILIPS/ HAVELLS / BAJAJ / CG / WIPRO</b>
<b>D</b>	<b>MODULAR SWITCHES, SOCKETS, GANGBOX AND FAN REGULATORS</b> <ul style="list-style-type: none"><li>• Confirming to relevant IS Specification with latest amendments</li><li>• Protection IP20</li></ul> <b>Make: ANCHOR/ LEGRANDS</b>
<b>E</b>	<b>CASING CAPPING</b> <ul style="list-style-type: none"><li>• Colour: White</li></ul> <b>Make: PRESTO PLAST/ SS</b>
<b>F</b>	<b>LED Bulkhead</b>

	<ul style="list-style-type: none"> <li>• Power: 10/12W</li> <li>• Life span &gt;30000 hrs</li> <li>• Colour: White</li> <li>• Lumen flux: &gt;400</li> <li>• CRI(Ra): &gt;80</li> </ul> <p><b>Make: PHILIPS/ HAVELLS / BAJAJ / CG / WIPRO</b></p>
<b>G</b>	<b>RCCB</b>
	<p>4 pole Sensitivity:30mA, Rating: 25A  <b>Make: L&amp;T/HAVELLS/LEGRANDS/ SCHNEIDER</b></p>
<b>H</b>	<b>MCCB</b>
	<p>Breaking capacity: 35kA for 100A MCCB  <b>Make: L&amp;T/LEGRANDS/ SCHNEIDER/ABB</b></p>
<b>I</b>	<b>Enclosures</b>
	<ul style="list-style-type: none"> <li>• CRCA sheet/FRP enclosures with detachable gland plates and ensure smooth, scratch resistant surface coatings, suitable for wall mounting.</li> <li>• Confirming to IEC 60647-2</li> <li>• With bus bar, neutral link and earth bar. 6 way VTPN DB with MCCB incomer for main distribution panel.</li> <li>• IP43 protection,</li> </ul> <p><b>Make: ABB/LEGRANDS/STANDARD</b></p>
<b>J</b>	<b>Exhaust fan</b>
	<ul style="list-style-type: none"> <li>• Heavy duty Exhaust fan, metal body indoor type</li> <li>• Sweep 450mm (18")</li> <li>• Power 350W-420W</li> <li>• R.P.M 1400</li> <li>• Protection: IP55</li> </ul> <p><b>Make: HAVELLS/CROMPTON</b></p>
<b>K</b>	<b>EARTHING</b>
	<p>Earthing should be carried out in accordance with IS3043 and IER amended upto date. Use readily available 2mtr. Long x 20mm dia copper bonded electrodes – 99.9% pure electrolytic quality copper molecularly bonded to nickel coated electrode made up of low carbon, high tensile strength steel rod with termination bolts. Thickness of copper coating should not be less than 250 microns. Eco-friendly earthing compound mixture to be used for reducing soil resistivity. Construct a chamber with fire bricks and covered with CI cover and provide watering GI pipe with funnel. Connect the earthing station with 8 SWG copper wire to the equipments in machine room.</p>

**CHIEF MECHANICAL ENGINEER**



**MORMUGAO PORT TRUST  
ENGINEERING (CIVIL) DEPARTMENT**

**TENDER NO. : CE/112/2016**

**“Providing Lift at New Dawn Ashadeep School at Headland Sada”**

**DIRECTIONS TO TENDERERS FOR FILLING IN THE  
SCHEDULE OF QUANTITIES & RATES**

- 1.** Tenderers are required to fill in their **percentage rate** at the end of the Schedule of Quantities & Rates, in the space provided for the purpose and unless this is done, their tender will not be considered. Only one percentage rate on all Rates of Schedule of Quantities & rates shall be stated.
- 2.** The Percentage Rate inserted shall hold good for all works against the item under this contract, without reference to quantity or location of the work or the variation in the estimated quantity. The tenderer's will be deemed to have ascertained themselves to the extent and nature of the works involved, the various constraints and high degree of skill involved in the works.
- 3.** Quantity of each item of work mentioned in the Schedule should be noted and the percentage rate worked out carefully, having regard to the specifications before submitting the tender, as no variation in rates, etc. will be allowed on any ground such as mistake or misunderstanding etc. after the tender has been submitted. The percentage rate, above or below the Schedule /Estimated rate, indicated at the of the Schedule of Quantities & Rates, will apply to each item, of the tender and any excess in the item that may be directed to be executed by the Chief Engineer.
- 4.** Tenderers are requested to note that though the contract is percentage rate, they are required to add or deduct the amount due to this percentage, as the case may be and work out the final figure (amount of their tenders), at the end of the Schedule of Quantities & rates.
- 5.** The Percentage Rate should be legibly written in figures as well as in words, in the space provided for. Erasures or corrections in figures or in words, without Tenderer's initials, will render the tender liable for rejection.

**CHIEF ENGINEER**





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**MORMUGAO PORT TRUST**  
**ENGINEERING (CIVIL) DEPARTMENT**

**TENDER NO. : CE/112/2016**

**“Providing Lift at New Dawn Ashadeep School at Headland Sada”**

**SCHEDULE OF QUANTITIES & RATES**

1. Part I: Civil Engineering works: Rs.4,30,717.30
2. Part II: Electrical works: Rs.2,10,780.00
3. Total Rs.6,41,497.30

Total amount of tender inclusive of all taxes but excluding service tax= “A” =  
Rs.6,41,497.30

1. ADD \_\_\_\_\_ % (IN FIGURES)

In words \_\_\_\_\_

Over the above amount at “A” i.e Rs. \_\_\_\_\_

OR

2. DEDUCT \_\_\_\_\_ % (IN FIGURES)

In words \_\_\_\_\_

From the above amount at “A” i.e. Rs. \_\_\_\_\_

3. Total Quoted Tender Amount inclusive of Sales & General Taxes but  
excluding \_\_\_\_\_ service \_\_\_\_\_ tax \_\_\_\_\_ in  
Figure: \_\_\_\_\_

in words: Rupees \_\_\_\_\_  
\_\_\_\_\_ Only.

TENDERERS SHOULD SCORE OUT EITHER “ADD” OR “DEDUCT” AS THE CASE  
MAY BE”

NOTES:

1. Tenderers should score either “ADD” or “DEDUCT” as the case may be.
2. Tenderers are advised in their own interest to inspect the site before tendering.
3. The quantities given above in the schedule of Quantities and Rates are approximate and are furnished for the guidance of the tenderers.

Witness's: \_\_\_\_\_

Signature: \_\_\_\_\_

Name : \_\_\_\_\_

Address: \_\_\_\_\_

Tel No: \_\_\_\_\_

Tenderer's: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Tel No: \_\_\_\_\_



**MORMUGAO PORT TRUST**  
**ENGINEERING (CIVIL) DEPARTMENT**

**Tender No:- CE/112/2016**

**“Providing Lift at New Dawn Ashadeep School at Headland Sada”**

**PART-I (CIVIL WORKS)**

ITEM NO.	ITEM	APPROX. QTY	UNIT	RATE Rs. ( in figures and words)	AMOUNT (in figures)
1	2	3	4	5	6
1.	Excavation in hard rock, PCC., laterite boulders interspersed with murrum etc. including removal of obstruction such as small trees, vegetation etc., refilling the trenches with suitable excavated material or earth removed from nearby areas and removal of unsuitable excavated material upto a lead of 50m and a lift of 1.5 m. All tools & plants, labour and material etc. complete.	11.40	Cubic metre	558.00	6361.20
2.	Dismantling of Aluminium windows & grills more than 3.00 m <sup>2</sup> area as directed and handing over to CE department. without damaging sides, making good the plaster etc All tools & plants, labour and material etc. complete.	2.00	Nos.	203.00	406.00
3.	Dismantling RCC chajja and other masonry as required and directed by CE or his representative, disposal of the same at places pointed, All tools & plants, labour and material etc. complete.	1.00	Cubic metre	1639.00	1639.00
4.	Dismantling and refixing in position PVC eaves gutter with all required accessories etc as directed, All tools & plants, labour and material etc. complete.	4.60	RM	35.00	161.00

5.	Cement concrete (1:3:6) using 20 mm graded black trap stone metal out of quarried boulders as coarse aggregate including mixing, depositing, consolidating, levelling, curing etc. All tools & plants, labour and material etc. complete.	1.20	Cubic metre	5269.00	6322.80
6.	Providing and laying in position CC (1:11/2:3) Reinforced cement concrete (M20) excluding the cost of centering, shuttering and reinforcement including mixing, depositing, consolidating, levelling, curing for footings etc All tools & plants, labour and material etc. complete.	2.30	Cubic metre	6511.00	14975.30
7.	Providing and laying in position CC (1:11/2:3) Reinforced cement concrete (M20) excluding the cost of centering, shuttering and reinforcement including mixing, depositing, consolidating, levelling, curing for vertical slabs etc All tools & plants, labour and material etc. complete.	2.00	Cubic metre	6685.00	13370.00
8.	Providing and laying in position CC (1:11/2:3) Reinforced cement concrete (M20) excluding the cost of centering, shuttering and reinforcement including mixing, depositing, consolidating, levelling, curing for for beams, lintels and structural slabs etc All tools & plants, labour and material etc. complete.	4.80	Cubic metre	6574.00	31555.20
9.	Providing and laying in position CC (1:11/2:3) Reinforced cement concrete (M20) excluding the cost of centering, shuttering and reinforcement including mixing, depositing, consolidating, levelling, curing for columns etc. All tools & plants, labour and material etc. complete.	2.50	Cubic metre	6574.00	16435.00
10.	Constructing masonry in Superstructure using precast cement concrete solid blocks having a crushing strength of not less than 35kg./cm <sup>2</sup> (28 days curing) with a mix not leaner than (1:5:10) in cement mortar (1:6) including providing	15.50	Cubic metre	5282.00	81871.00

	<p>specially moulded blocks at junctions &amp; corners, curing etc. All tools &amp; plants, labour and material etc. complete.</p>				
11.	<p>Providing &amp; fixing shuttering for the column footings, wall footings, footing rafts, etc. of any size and shape including cleaning, oiling, closing, gaps, removing shuttering after concreting, provisions of necessary props, bracings and other supports etc. All tools &amp; plants, labour and material etc. complete.</p>				
a	<p>for bottom pit of lift wells</p>	11.00	Square metre	428.00	4708.00
b	<p>Slabs, beams, lintels &amp; columns</p>	69.20	Square metre	458.00	31693.60
12.	<p>Providing TMT steel reinforcement bars of SAIL, TATA. VIZAG make only (Confirming to IS 1786 of 1986) for RCC work (conforming to I.S. 1786 of 1986) including bending, binding &amp; placing in position in all the floors along with the factory made precast concrete cover blocks of specified sizes whose compressive strength is not less than that of surrounding concrete in the structural member. All tools &amp; plants, labour and material etc. complete.</p>	12.20	Quintal	6766.00	82545.20
13.	<p>Providing waterproofing to the roof slab using "Dr Fix-it", waterproof compound mixed in CM (1:5)15 mm thick, over a base of CC(1:2:4), of 5 cm avg thickness, All tools &amp; plants, labour and material etc. complete.</p>	10.20	Square metre	638.00	6507.60
14.	<p>Providing Plaster with CM(1:5) 15 mm thick in two coats to external surface of bottom of lift well, including all bays bands, hacking, beading, mixing with water proofing compound All tools &amp; plants, labour and material etc. complete.</p>	100.00	Square metre	267.00	26700.00

15.	Plastering RCC/masonry surfaces with CM(1:3) 10 mm thick.. all lifts leads, raking out joints, cleaning the surfaces All tools & plants, labour and material etc. complete.	160.00	Square metre	162.00	25920.00
16.	Painting with two coats of waterproof cement paint for external wall. All tools & plants, labour and material etc. complete.	100.00	Square metre	69.00	6900.00
17.	Providing rainwater down take pipes PVC 110 mm dia medium, All tools & plants, labour and material etc. complete.	10.20	RM	448.00	4569.60
18.	Providing and fixing to the wall black granite 17 mm thk cladding including moulding wherever required with CM including all cutting, wastages etc complete. All tools & plants, labour and material etc. complete.	7.50	Square metre	3000.00	22500.00
19.	Providing & fixing in position anodized Aluminium sliding windows of approved manufacturer to suit two track sliding, using best quality standard extruded anodized aluminium sections (manufactured to relevant I.S. specification) without horizontal glazing bars, glazed with 5.5mm thick sheet glass fixing to RCC column/masonry with lugs of 16mmx3.15mmx10cm long or any other approved size embedded in cc(1:3:6) blocks of appropriate size incl. necessary bolting devices, handles, locking arrangements, fixing clips, metal putty, PVC/Rubber beading etc. All tools & plants, labour and material etc. complete.	2.80	Square metre	4563.00	12776.40
20.	Supplying & fixing in position P.V.C. doors of standard sizes, single shutter, with frame of salwood including all the accessories fixing to the wall with expandable fasteners/M.S. brackets handles, locking arrangement cement mortar for fixing etc. All tools & plants, labour and material etc. complete.	1.60	Square metre	2909.00	4654.40

21.	Supplying & erecting in position structural steel work in single section (Light sections less than 34 kg./m) incl. Cutting, hoisting, fixing in position and cleaning the surface, painting two coats of approved quality synthetic enamel paint of approved colour/shade over a coat of red oxide zinc chromite primer etc. All tools & plants, labour and material etc. complete.	3.50	Quintal	7656.00	26796.00
22.	Disposal of excavated materials to a lead of 3.00 kms as directed, including loading, transporting, unloading and rough levelling All tools & plants, labour and material etc. complete	10.00	Cubic metre	135.00	1350.00
	TOTAL AMOUNT of PART-I in Rs.				4,30,717.30

**PART-II (ELECTRICAL WORKS)**

**SCHEDULE OF QUANTITIES & RATES**

ITEM NO.	ITEM	APPROX . QTY	UNIT	RATE Rs. ( in figures and words)	AMOUNT (in figures)
1	2	3	4	5	6
1	Laying & clamping L.T. Aluminum armoured cable of size 4 Core 70 sq mm on the wall. Clamping the cables using G.I saddles and screws for every one metre. (The cable will be supplied by the Port.)	120	Metre	180.00	21600.00
2	Terminating the 4 core x 70sq mm Aluminum cable at 100A MCCB with necessary lugs & gland of suitable size.	01	No.	2700.00	2700.00
3	Supply and making heat shrinkable straight through joint for 4 core x 70sq mm L.T. Aluminum cable.				
	Supply	01	No.	9300.00	9300.00
	Installation & commissioning	01	No.	3000.00	3000.00
4	Supply, Wiring & Connection at Distribution board on ground floor from Main distribution panel at machine room using 4 x 6 sq.mm + 1 x 1.5 sq.mm inside black conduit pipe of suitable size and clamping the conduit pipe with G.I saddles and screws for every one metre.				

	Supply	50	Metre	540.00	27000.00
	Wiring & Connection	50	Metre	180.00	9000.00
5	Supply, Installing, wiring and connection of indoor type main distribution board to incorporate following 1)Incomer a)100A 3P&N MCCB 2) Outgoing a)63A TPN MCB –01 no , b)25A/30mA 4P RCCB–01 no c)16A SPN MCB– 02no, d)6A SP MCB – 03no,				
	Supply	01	No	17100.00	17100.00
	Installing, wiring and connection	01	No	2700.00	2700.00
6	Supply, Installing and commissioning of 03nos. 10W/12W LED lamp with bulkhead fittings in the hoist way. 02nos. 18W/20W LED tube light with fittings in machine room as per technical specifications				
	Supply	01	No.	9300.00	9300.00
	Installing and commissioning	01	No.	3000.00	3000.00
7	Providing 01no. fan point & 04nos. Light points from switch board with PVC insulated 3 x 1mm <sup>2</sup> Copper conductor wire in white colour PVC casing & capping complete with all accessories, fix modular switches, fan regulator on modular switch board, ceiling rose, connect with 2 core flexible wire.				
	Supply of Light/Fan point accessories	1	No	3900.00	3900.00
	Wiring of light/fan point	1	No	4500.00	4500.00
8	Supply, installation & connection of 15 Amp modular type 5 pin socket with 15 Amp 1 way switch with indicator on PVC gang box. Wiring with 2 x 2.5mm <sup>2</sup> + 1 x 1.5mm <sup>2</sup> copper conductor wire in PVC casing and capping from main panel to 15A outlet in machine room.				
	Supply	1	No.	1980.00	1980.00
	Installation, wiring & connection	1	No.	1200.00	1200.00
9	Supply, installation and connection of 6 Amp 5 pin modular socket and 6 Amp 1 way modular switch on PVC gangbox with indicator at hoist way.				
	Supply	4	Nos.	2160.00	8640.00
	Installation and connection	4	Nos.	3240.00	12960.00

10	Supply, installation, wiring and connection of light point with 6Amp 2 way modular switches on PVC gangbox in hoistway and in ground floor with 1mm <sup>2</sup> copper conductor wire in PVC casing & capping complete with all accessories.				
	Supply of light point accessories	1	No.	930.00	930.00
	Installation, wiring and connection of light point	1	No.	840.00	840.00
11.	Supply, Installing, wiring and commissioning of 01no. exhaust fan in the machine room as per technical specifications. Wiring with 2 x 2.5mm <sup>2</sup> + 1 x 1.5mm <sup>2</sup> copper conductor wire in PVC casing and capping from main panel to exhaust fan in machine room.				
	Supply	1	No.	12600.00	12600.00
	Installing, wiring and commissioning	1	No.	2430.00	2430.00
12.	Supply and wiring sub main with 3 x 1.5mm <sup>2</sup> copper conductor wire in PVC casing and capping from main panel to switch board in machine room & 6A outlet in hoistway.				
	Supply	30	Metre	280.00	8400.00
	wiring	30	Metre	150.00	4500.00
13.	Supply, Installation, testing and commissioning of new earth stations as per technical specification.				
	Supply	02	Nos.	14400.00	28800.00
	Installation, testing and commissioning	02	Nos.	7200.00	14400.00
	TOTAL AMOUNT of PART-I in Rs.				2,10,780.00

**NOTE:** Rates quoted shall include cost of materials, consumables, labour, transport etc. required for execution of the tendered work as well as inclusive of taxes except for service tax which shall be paid as applicable, subject to submission of Service Tax Registration No.



**Form of Performance guarantee / Bank guarantee bond.**

In consideration of the Board of Trustees of Mormugao Port Trust (hereinafter called "The Board") having offered to accept the terms and conditions of the proposed agreement between Board and .....(hereinafter called "the said contractor(s)" for the work.....(hereinafter called "the said agreement") having agreed to production of an irrevocable Bank Guarantee for Rs.....(Rupees.....only) as a security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1. We.....(hereinafter referred to as the "Bank") hereby undertake to (indicate the name of the Bank)  
Pay to the Board an amount not exceeding Rs.....(Rupees.....only)  
y)  
on demand by the Board.
2. We .....do hereby undertake to pay the amounts due and payable(indicate the name of the Bank)under this Guarantee without any demur, merely on a demand from the Board stating the amount claimed is required to meet the recoveries due or likely to be due from the said Contractor(s). Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this Guarantee shall be restricted to an amount not exceeding Rs.....(Rupees.....  
.....only).
3. We, the said Bank, further undertake to pay to the Board any money so demanded notwithstanding any dispute or disputes raised by the Contractor(s) in any suit or proceeding pending before any Court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under, and the Contractor(s) shall have no claim against us for making such payment.
4. We..... further agree that the Guarantee herein contained shall(indicate the name of the Bank) remain in full force and effect during the period that would be taken for the performance of the said agreement, and it shall continue to be enforceable till all the dues of the Board under or by virtue of the said agreement have been fully paid, and its claims satisfied or discharged, or till the Engineer-in-charge on behalf of the Board, it certifies that the terms and conditions of the said agreement have been fully and properly carried out by the said contractor(s), and accordingly discharges this guarantee.

5. We..... further agree with the Board that the Board (indicate the name of the Bank) shall have the fullest liberty without our consent, and without effecting in any manner our obligations hereunder, to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers excisable by the Board against the said contractor(s),and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall be relieved from our liability by reason of any such variation or extension being granted to the said contractor(s) or for any forbearance, act of omission on the part of the Board or any indulgence by the Board to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision have effect of so relieving us.
  6. This Guarantee will not be discharged due to the change in the constitution of the Bank or the contractor(s).
  7. We..... lastly undertake not to revoke this Guarantee except with (indicate the name of the Bank) the previous consent of the Board in writing.
  8. This Guarantee shall be valid up to .....unless extended on demand by the Board. Notwithstanding anything mentioned above, our liability against this Guarantee is restricted to Rs.....(Rupees.....), and unless a claim in writing is lodged with us within six months of the date of expiry or extended date of expiry of this Guarantee all our liabilities under this Guarantee shall stand discharged.
- Dated the.....day of.....for  
..... (Indicate the name of the Bank)

### **VENDOR REGISTRATION FORM**

1.	Name of the Organization	:	
2.	Address (In Detail)	:	
3.	Telephone Number	:	
4.	E-Mail Id	:	
5.	Permanent Account Number (PAN)	:	
6.	Bank Name	:	
7.	Bank Branch Address ( In Detail)	:	
8.	Bank Branch Code	:	
9.	Bank Account Number	:	
10.	Bank Account Type	:	
11.	Magnetic Ink Character Recognizer (MICR)	:	
12.	Tax Identification Number (TIN)	:	
13.	Service Tax Registration Number	:	
14.	Service Tax Registration Code	:	
15.	CST Registration Number	:	
16.	Employee Provident Fund (EPF) Registration Number	:	
17.	Employee State Insurance Scheme (ESIS) Registration Number	:	
18.	IFSC Code	:	